

	Document ID	Issue Date	Pages	Title	Current OR
1	US 20050195912 A1	20050908	15	Method and system for transmitting and receiving data streams	375/267
2	US 20050195889 A1	20050908	26	Successive interference cancellation in a generalized RAKE receiver architecture	375/148
3	US 20050185734 A1	20050825	32	Method and radio system for digital signal transmission using complex space-time codes	375/295
4	US 20050157807 A1	20050721	15	Method for transmitting/receiving signal in MIMO system	375/267
5	US 20050094714 A1	20050505	24	Multi-carrier transceiver assembly	375/148
6	US 20050094603 A1	20050505	15	Signal processing apparatus and method using multi-output mobile communication system	370/334
7	US 20050069023 A1	20050331	22	Method and apparatus for combining weight computation in a DS-CDMA rake receiver	375/148
8	US 20050053170 A1	20050310	24	Frequency selective transmit signal weighting for multiple antenna communication systems	375/267
9	US 20050053123 A1	20050310	20	Wireless communications apparatus and method using array antenna	375/148
10	US 20050036575 A1	20050217	13	Method and apparatus providing low complexity equalization and interference suppression for SAIC GSM/EDGE receiver	375/348
11	US 20050025223 A1	20050203	24	Code division multiple access wireless system with closed loop mode using ninety degree phase rotation and beamformer verification	375/147
12	US 20050013350 A1	20050120	37	Method and apparatus for canceling pilot interference in a wireless communication system	375/148
13	US 20040258175 A1	20041223	16	Method and arrangement for limiting signal in radio transmitter	375/295
14	US 20040252796 A1	20041216	15	STTD encoding for PCCPCH	375/347
15	US 20040234012 A1	20041125	37	Reduced-complexity antenna system using multiplexed receive chain processing	375/347
16	US 20040165655 A1	20040826	15	Time tracking in a non-negligible multipath spacing environment	375/148
17	US 20040081231 A1	20040429	9	Multipath searching device and method thereof	375/148

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3		Hottinen, Ari et al.
4		Shim, Dong-Hee et al.
5	375/260	Robinson, Ian
6	375/267; 375/347; 455/101	Kim, Bong Hoe et al.
7		Bottomley, Gregory E. et al.
8		Catreux, Severine et al.
9		Higuchi, Kenichi et al.
10		Kuchi, Kiran Kumar et al.
11		Dabak, Anand G. et al.
12		Coralli, Alessandro Vanelli et al.
13		Vuopala, Tapio et al.
14		Dabak, Anand Ganesh et al.
15		Rooyen, Pieter van
16	375/149	Rick, Roland Reinhard et al.
17		Kim, Sang Choon

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18	US 20030147343 A1	20030807	16	Linear space-time block code with block STTD structure	370/209
19	US 20030021354 A1	20030130	20	Transmitter, the method of the same and communication system	375/267
20	US 20030012299 A1	20030116	20	Non-zero complex weighted space-time code for multiple antenna transmission	375/299
21	US 20030002594 A1	20030102	27	Communication device with smart antenna using a quality-indication signal	375/299
22	US 20020172293 A1	20021121	20	Non-zero complex weighted space-time code for multiple antenna transmission	375/267
23	US 20020172264 A1	20021121	20	Partly orthogonal multiple code trees	375/147
24	US 20020126746 A1	20020912	17	Time tracking in a non-negligible multipath spacing environment	375/148
25	US 20020034263 A1	20020321	12	Wireless communications	375/299
26	US 20020031166 A1	20020314	66	Wireless spread spectrum communication platform using dynamically reconfigurable logic	375/130
27	US 20020018529 A1	20020214	24	Code division multiple access wireless system with time reversed spaced time block transmitter diversity encoding	375/267
28	US 6917597 B1	20050712	13	System and method of communication using transmit antenna diversity based upon uplink measurement for the TDD mode of WCDMA	370/280
29	US 6873651 B2	20050329	21	System and method for joint maximal ratio combining using time-domain signal processing	375/219
30	US 6865377 B1	20050308	10	Combined open and closed loop beam forming in a multiple array radio communication system	455/101
31	US 6865237 B1	20050308	29	Method and system for digital signal transmission	375/295
32	US 6853677 B2	20050208	10	Finger using time division method and rake receiver having the same	375/148
33	US 6816557 B2	20041109	21	Non-zero complex weighted space-time code for multiple antenna transmission	375/299
34	US 6804311 B1	20041012	13	Diversity detection for WCDMA	375/347

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18	370/206; 375/130	Onggosanusi, Eko N. et al.
19	375/341	Ghavami, Mohammad et al.
20		Kuchi, Kiran et al.
21	375/146	Harel, Haim et al.
22		Kuchi, Kiran et al.
23	375/130	Wiberg, Niclas et al.
24		Rick, Roland Reinhard et al.
25		Schmidl, Timothy et al.
26	375/377	Subramanian, Ravi et al.
27	370/335; 375/347	Dabak, Anand G. et al.
28	370/294; 375/267	Schmidl; Timothy M. et al.
29	375/347	Tesfai; Yohannes et al.
30	375/299; 455/522	Lindskog; Erik D. et al.
31		Boariu; Adrian et al.
32	370/342; 375/222	Kim; Kwang Soon et al.
33	375/267; 455/101	Kuchi; Kiran et al.
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35	US 6785520 B2	20040831	24	System and method for antenna diversity using equal power joint maximal ratio combining	455/101
36	US 6782036 B1	20040824	18	Smart antenna multiuser detector	375/130
37	US 6771692 B2	20040803	14	Time tracking in a non-negligible multipath spacing environment	375/148
38	US 6748024 B2	20040608	21	Non-zero complex weighted space-time code for multiple antenna transmission	375/299
39	US 6724828 B1	20040420	9	Mobile switching between STTD and non-diversity mode	375/267
40	US 6700926 B1	20040302	11	Method and apparatus providing bit-to-symbol mapping for space-time codes	375/221
41	US 6594473 B1	20030715	14	Wireless system with transmitter having multiple transmit antennas and combining open loop and closed loop transmit diversities	455/101
42	US 6542556 B1	20030401	9	Space-time code for multiple antenna transmission	375/299
43	US 6470177 B1	20021022	10	Adaptive sectorization	455/91
44	US 6363104 B1	20020326	12	Method and apparatus for interference cancellation in a rake receiver	375/148

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36		Dowling; Eric M. et al.
37		Rick; Roland Reinhard et al.
38	375/267; 455/101	Kuchi; Kiran et al.
39	375/347; 375/349	Dabak; Anand G.
40	375/267; 375/299; 375/308; 455/101; 455/69	Heikkila; Markku J. et al.
41	370/334; 370/339; 375/148; 375/267; 455/103	Dabak; Anand G. et al.
42	370/204; 370/209; 375/146	Kuchi; Kiran et al.
43	375/219; 455/561	Andersson; Soren et al.
44		Bottomley; Gregory E.